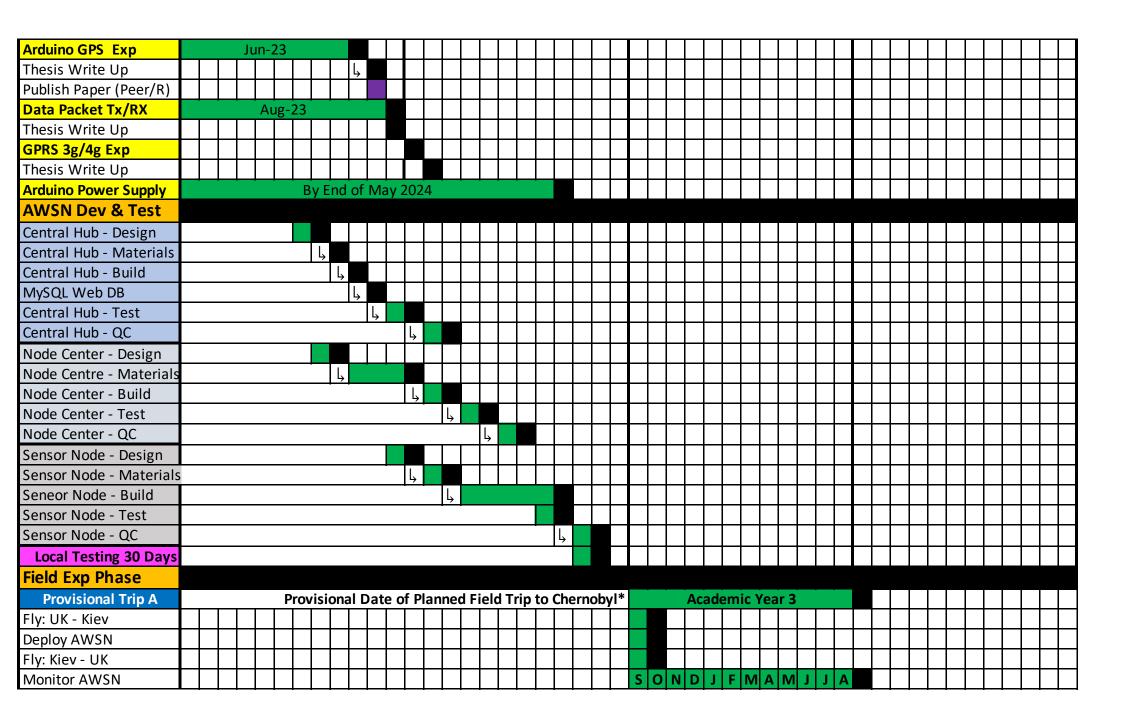
| Start: 01/10/2022 | Academic YEAR 1 | | | | | | | | | | | | | | Α | ca | dm | ic ` | ΥE | AR | 2 | | | | | | | Α | ca | dm | in | c Y | ΈΑ | R 3 | 3 | | | | | | Α | \ca | de | mi | c Y | ΈΑ | ·R | 4 | | |
|-------------------------|-----------------|--------------------------------------|-------------|-------------|-----|-----|-------------|------|------|------|------|------|------------|-----|----|-----|-----|------|------|----|----|----|----|----|----|---|-----|-----|------|----|----|-----|----|-----|----|-----|------------|------|-----|---------|------|---------|---------------|----|-----|---------|--|---------|---------|---|
| End: 30/09/2026 | 2 | 202 | 2 | | | | | | 2 | 023 | 3 | | | | | | | | | | | 20 | 24 | | = | | | | | | | | | | 20 |)25 | ; | - | | | | 7 | | | | 20 | 026 | | | |
| | ## # | ## # | # # | # # | # # | # # | # ## | # ## | # ## | # ## | # ## | ## | ## | ## | ## | # # | # # | # # | # : | ## | ## | ## | ## | ## | ## | # | # # | # # | ## : | ## | ## | ## | ## | ## | ## | ## | + # | # ## | # # | # # | # ! | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| ACTIVITY | S | 0 1 | N I |) | F | : N | ΛΑ | N | 1 J | J | Α | S | 0 | N | D |)] | J F | - N | VI A | A | М | J | J | Α | S | C | 1 (| N I | D | J | F | М | Α | M | J | J | Δ | S | , T | 1 C | ۱ IV | D | J | F | М | Α | N | 1 J | J | Α |
| PGCert RM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MR401 Lectures | | | | Com | ple | ete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Т | | T | | | | | | | | Т | |
| MR401 Submission | | Ļ | , | | Ì | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | T | T | T | | | | | | | |
| MR402 Lectures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | T | T | T | | | | | | | |
| MR402 Submission | | | Į | > | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | T | T | T | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | Ī | T | T | | | | | | | |
| Milestones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comp PGCertRM | | Jan | -22 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Т | Т | T | Т | П | | | | T | | | |
| Propject Approval (PAF) | Já | an-2 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | T | T | T | | | | | | | |
| Annual Review 1 | | Firs | t R | evi | ew | 1s | t O | ctc | be | r 20 | 023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | T | T | T | | | | | | | |
| Annual Review 2 | | | | | S | Sec | onc | ΙA | าทเ | ıal | Re | vie\ | N : | 1st | 00 | cto | be | r 2 | 02 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annual Review 3 | | Third Annual Review 1st October 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mini Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tx/RX Range Ex | | Ma | ar- | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | T | |
| Thesis Write Up | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | T | Ī | T | T | | | | | | | |
| Publish Paper (Peer/R) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tx/Rx Bad Weather Exp | | Ma | ar- | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Experiment Write Up | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | floor | | | | | | | | | | |
| Arduino Radiaton Ex | | 04/ | / 04 | /20 |)23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DCF Agreement | | C | Con | nple | ete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apply NNUF funding | l | → | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ⊥ | | | | | | L | L | | | |
| Source Shielding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ⊥ | | | | | | L | L | | | |
| Experiment Day | 0 | 4/0 | 4/ | 202 | 3 | l | > | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ┙ | | | | | L | L | | | |
| Thesis Write Up | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ┙ | | | | | L | L | | | |
| Publish Paper (Peer/R) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ╧ | ᆚ | ╧ | \perp | ightharpoonup | | | L | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$ | \perp | 丄 | |
| Arduino Temp Exp | | | M | ay-2 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ╧ | ᆚ | ╧ | \perp | ightharpoonup | | | L | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}$ | \perp | 丄 | |
| Thesis Write Up | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ot | \perp | ┵ | \perp | ightharpoonup | | | L | ot | \perp | \perp | |
| Publish Paper (Peer/R) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u></u> | | | 1 | |



| Recover AWSN | | | | | | | | | | | | | Ī | T | | 1 | | | | | | | | | | | | | | | | | | Ļ | S | | | П | | | П | П | T | $\overline{}$ | |
|---------------------|--|---|---|---|---|---|---|---|---|---|--|--|----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|----|-----|------|-----|-----|-----|-----|---|---|--|---|--------|---|--------------------|---------------|---------------|--------|
| Back Up Trip B | | | | | | • | | - | • | • | | | | В | Bac | kι | Jp | Fie | eld | Tr | ip | to | Che | ern | oby | /l* | | | | | Ful | ΙYε | ear | 20 | 25 | | | | | | | | | | \neg |
| Fly UK - Kiev | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T | | | П | | | | ٦ |
| Deploy AWSN | | | ı | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Î | | | T | | | П | | | | ٦ |
| Fly : Kiev - UK | | | | Î | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Î | | | T | | \Box | | | | | |
| Renew Passport | | 9 | • | • | - | | 9 | • | - | | | | Re | ene | w | Pa | ISS | por | τN | No. | Lat | ter | tha | an | End | o b | f Ju | ne | 20 | 25 | | | | | | | | | | | | | | | |
| Monitor AWSN | | | | | | | | | | | | | | | | | | | | | | | | | | | J | F | M | Α | Μ | J | J | Α | S | 0 | N | D | J | | | | | | |
| Recover AWSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | F | П | | | | |
| Passport Expiry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Analysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Monitor AWSN: - A | | | | | | | | | | | | | | | | | | | | | | | | | Pro | ovi | sio | nal | Mo | oni | tori | ng | | | | | | T | | П | | | | | |
| Sep Data Set | | | İ | Ì | Ì | | | | | | | | | | | | | | Ì | | | | | | | | | | | | | | | | | | | 寸 | | | П | | | | 7 |
| Oct Data Set | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | |
| Nov Data Set | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | |
| Dec Data Set | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | |
| Jan Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | |
| Feb Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | |
| Mar Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | |
| Apr Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | |
| May Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | |
| Jun Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | Ш | | | | |
| July Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | Ш | | | | |
| August Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | Ш | | ightharpoonup | \perp | |
| 12 Month Data Set A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | Ļ | | | | | | | | | ightharpoonup | | |
| Monitor AWSN: - B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | В | acl | (U | p N | lon | ito | rin | g | | | | Ш | Ш | | | | |
| Jan Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | Ш | | \perp | \perp | |
| Mar Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | \perp | \perp | |
| Apr Data Set | | | | | _ | | | | | | | | | | | \perp | | | | | | | | | | | | | Ļ | | | | | | | | | | | | Ш | | \perp | \perp | |
| May Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | $ ightoldsymbol{ol}}}}}}}}}}}}}$ | | | Ш | ightharpoonup | ightharpoonup | ightharpoons | |
| June Data Set | | | | | | | | | | | | | | | | \perp | | | | | | | | | | | | | | | Ļ | | | | | | | ightharpoonup | | | Ш | $oldsymbol{\perp}$ | ightharpoonup | \bot | |
| July Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | _ | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|----|-----|-------------|-----|------|---|---|---|---|---|---|---|---|---|-----|---|-----|---|---|---|---|---|---|---|---|---|----|---|-----|---|---|---|---|---|---|---|---|---|---|---|--------|---|
| August Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | |
| Sept Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | |
| Oct Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | |
| Nov Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | |
| Dec Data Set | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | |
| 12 Month Data Set B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | |
| PhD Thesis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S | 0 | N | D | JI | FIN | M A | V V | /I J | J | Α | S | 0 | N | D | J | F | N | 1 A | N | 1 J | J | Α | S | 0 | Ν | D | J | F | M | АΙ | И | J J | Α | S | 0 | N | D | J | F | M | Α | М | J | J | Α |
| Literature Review | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \Box | |
| Background Chapter | | | | | | Ļ | > | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TX/Rx Write Up | | | | | | = | Ļ | , | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TX/Rx B/W Write Up | | | | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radition Write Up | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arduino Temp Write Up | | | | | | | | Ī | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arduino GPS Write Up | | | | | | | | | - | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Packet Write Up | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Supply Write Up | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSN Into Write Up | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central Hub Write Up | | | | | | Ļ | > | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Node Centre Write Up | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sensor node Write Up | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Local Testing Write Up | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Trip A - Write Up | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Set A - Write up | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | | | | | | l |
| Field Trip B - Write Up | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Set B Write Up | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | | |
| Data Analysis - A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Analysis - B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Final Amendments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ļ | | | | | |
| PhD Mock Viva (Provis) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intention To Submit | | Intention To Submit Thesis Applicaton Form Submitted by 31st May 2026 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Final Thesis Check | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

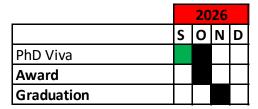
| Thesis Printing | Thesis to be Printed to University Guidelines by: Monday 24th August 2026 |
|-----------------------|---|
| PhD Candidature Form | Complete the PhD Candidature Form by 24th August 2026 |
| PhD Thesis Submission | Thesis to be Submitted to the University by the 31st August 2026 |

Gantt Chart Key:

By the End of: Publish for Peer Review Productivity Times

Notes:

*The Field Trip/Field Experiment Phase will be dictated by the current Russia/Ukraine conflict at the time, alternative: Fukushima/Windscale



Assuming No Corrections and is an Unconditional Pass.